



5 cable dSCR system

Cascadable single cable multiswitches

Cascadable single cable multiswitch for the distribution of SAT IF and DTT signals over one cable to up to 32 receivers per pair outputs.

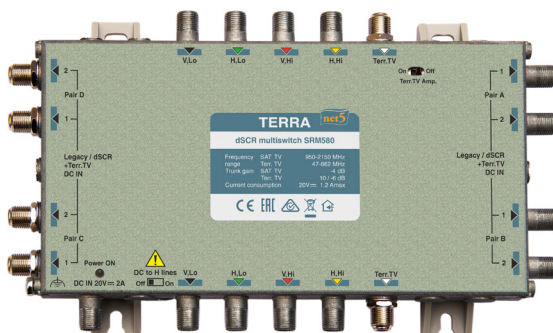
- control according legacy/EN50494/EN50607
- dSCR/Legacy mode automatic selection
- configurable with programmer PC102W
- DC input for external power supply
- current pass to H trunk lines, switchable
- active terrestrial TV path
- powering status LED indication
- robust die-cast housing
- connectors:
RF inputs/outputs- type F
DC input - type F
DC input - type F

SRM580

quatro LNB IF range;
active/bypass DTT path (switchable), eight dSCR outputs

SRM581

wideband LNB IF range;
active DTT path, eight dSCR outputs



Technical specifications

TYPE		SRM580	SRM581
Ordering number		02789	02798
Frequency range	SAT IF	950-2150 MHz	290-2350 MHz
	SAT IF output		950-2150 MHz
	Terr. TV		47-862 MHz
Number of inputs & trunk outputs	SAT IF	4	
	Terr. TV	1	
Number of tap outputs		8 (4 pairs)	
Trunk gain	SAT IF	> - 4 dB	> - 8.0 dB
	Terr. TV (active mode)	10 dB	> - 1.0 dB
	Terr. TV (bypass mode)	-6 dB	-
Return loss / impedance		> 10 dB / 75 Ω	
Input level	SAT IF	60-95 dBμV	65-95 dBμV
per channel	Terr. TV (active mode)	IMD3= 60 dB 92 dBμV max.	IMD3= 60 dB 88 dBμV max.
Terr. TV noise figure (active mode)		6 dB	
Tap output with combined DTT	user bands (dSCR mode)	32 max. per pair outputs, configurable	
	user band bandwidth (dSCR mode)	20-60 MHz, configurable	
	dSCR mode output level, AGC controlled	84 dBμV configurable	
	legacy mode output level, typical	78 dBμV	
	Terr. TV loss (active mode)	6 dB	-
	Terr. TV loss (bypass mode)	22 dB	-
	Terr. TV output level (active mode)	IMD3= 60 dB 86 dBμV max.	IMD3= 60 dB 96 dBμV max.
Terr. TV gain	-	8 dB	
Decoupling	SAT IF inputs/SAT IF inputs	> 30 dB	
	SAT IF inputs/tap outputs	> 30 dB	
	SAT IF/ Terr. TV	> 25 dB	
DC pass through trunk lines	SAT IF	2 A max., 1 A max. through one line	
	Terr. TV	250 mA max.	
Current consumption	from DC input*, H trunk lines	20 V 1.2 A max.	20 V 1 A max.
	from STB	13 V 400 mA max.,	13 V 460 mA max.
	Current pass from DC input to H trunk lines, switch.	20 V 800 mA max.	20 V 1 A max.
Operating temperature range		-20° ÷ + 50° C	
Dimensions/Weight (packed)		226x135x30 mm/0.8 kg	

* without external DC feeding